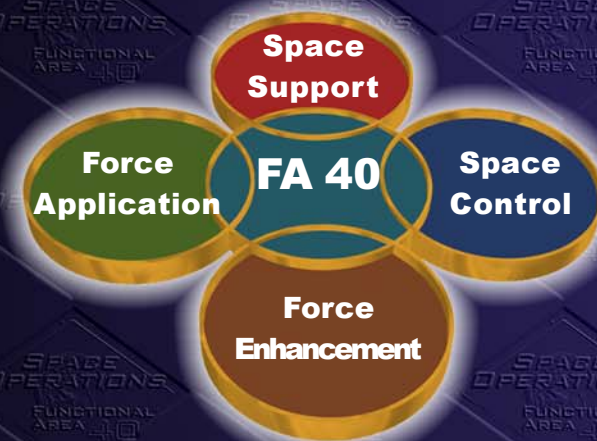




**Space Operations Officers:
Instrumental in Achieving a Space
Empowered Objective Force**



Functional Area 40 Space Operations is one of seven functional areas in the Army Information Operations Career Field.



U.S. Army Space and Missile Defense Command (SMDC), Headquartered in Arlington, Virginia, is the Army's specified proponent for Space. The Command is also the Army's operational integrator for Missile Defense requirements, and conducts Army and Joint R&D activities to develop, analyze, experiment, test and evaluate space and missile defense technologies that will be key enablers for the 21st century Army.

As the Army's proponent for Functional Area 40 - Space Operations, SMDC ensures that Army and Joint warfighting commanders, through their Space Operations Officers, understand and have access to space assets and products that enable them to fight and win quickly and decisively.

For more information, call the FA 40 Hotlines:
Phone: 703-602-1325
DSN: 332-1325
Fax: 703-602-2127
DSN: 332-2127
E-mail: FA40-SPACE@smdc.army.mil

FA40 Websites

www.smdc.army.mil/FA40/FA40.html

www.smdc.army.mil/POCs/POC.html



Exploiting Space for the Warfighter

"Normalizing space means we make space a part of everyday operations; we educate the warfighters so they understand what space can do for them; and we have a trained cadre who are skilled at providing these services to the warfighter. The FA 40 is the foundation of this trained cadre within the Army."

Lieutenant General Joseph M. Cosumano Jr.
Commanding General U.S. Army Space and Missile Defense Command and U.S. Army Space Command

Why Be an FA 40?

- Space is a growth industry—military, civil and commercial
- Advanced civil school opportunities
- Range of assignment opportunities: tactical units, MACOMs, SPACECOM, Army and Joint Staff, Office of the Secretary of Defense
- Cutting edge field with new and emerging technology
- Need for expert to integrate Space capabilities
- Career that blends technical and tactical skills and knowledge
- Work throughout the Battlefield Operating Systems
- Pioneer in a new and developing field

Assignment Opportunities

- Principal Space Operations Staff Officer at Division & Higher
- Army Space Support Team (ARSST) Leader
- Space Operations Instructor
- Space Operations Staff Officer at MACOMs & ARSPACE
- Research, Planning, and Operational Assignments in USASMDC
- Joint Assignments with USSPACECOM & Other Unified Commands
- National Aeronautics and Space Administration
- National Reconnaissance Office
- National Security Space Architecture
- U.S. Army Space and Missile Defense Command Battle Lab

Space Operations Officers in the Army

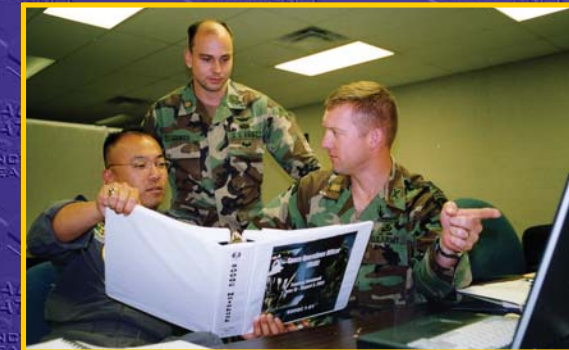
The Army's cadre of trained Space Operations officers, Functional Area 40 (FA 40) provide in-depth expertise and experience to adequately leverage Space assets for the Army. As the Army identifies requirements and develops capabilities for the "Space-empowered" Objective Force, Army Space Operations officers are being integrated aggressively into current operations, future planning, research and development, and acquisition positions at all organizational levels within the Army and Department of Defense (DoD). This is a concerted effort to "normalize" Space throughout all Army operations and activities, i.e., make the use of Space, like that of communications and transportation, "business as usual."



Space Operations officers specialize in integrating Space operations into the military decision making process (MDMP). They synchronize, optimize, and deconflict the use of Space-based resources with the commander's staff and across the battlefield operating systems. They provide commanders the Space Intelligence Preparation of the Battlefield (IPB), the Space Intelligence Estimate of the Situations, and highly technical tools to support operational planning. They prepare the Space annex for the operations orders and answer space questions for the commander and J3/G3.

Army Space Operations officers work to complement the actions and responsibilities of the signal, intelligence, information operations, and engineering staff officers. They are trained to understand, enable, and improve on how each uses Space, and to know the Space-based products they require and/or produce. They also understand the needs of our sister services, DoD, and other Government agencies.

FA40 is a growing field in which an officer's career progression is greatly enhanced with promotion potential, unique and futuristic assignments, and personal pride in achievement.



Areas of Training

- Coordinate Space Related Activities
- Perform Liaison Officer Functions
- Coordinate Space Asset Tasking
- Analyze Status of Red, Blue, and Gray Space Systems Capabilities and Limitations
- Advise Commander and Staff on the use of and Availability of Blue and Gray Space Assets
- Advise Commander and Staff on how Red, Blue, and Gray Space Operations Impact the Battlefield
- Utilize Space Analysis Tools
- Provide Space Support Products
- Determine Impact of Space Weather on Operations
- Advise Commander on Missile Warning Posture
- Plan Space Control Operations
- Analyze Blue Force Capabilities and Limits
- Develop Space Control Courses of Actions
- Advise Commander on Force Protection Posture
- Evaluate Results of Space Control Operations
- Recommend Reconstitution, Reprioritization, or Rerouting of Space Support Networks
- Participate in Joint Operations Planning Process
- Utilize Army and Joint Command and Control Systems
- Participate in Military Decision Making Process
- Produce Space Intelligence Preparation of the Battlefield
- Analyze Courses of Action from a Space Perspective
- Produce Space Staff Estimate
- Write Space Input to Estimates, Operations Plans, Operations Orders, Fragmentary Orders, and Warning Orders